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## UTILITY PATENT APPLICATION TRANSMITTAL

| Attorney Docket No.    | MCD125   |   |  |  |  |  |
|------------------------|--|---|--|--|--|--|
| First Inventor         | Robert Hale GRANT 22   | 7 |  |  |  |  |
| Title                  | CONFIGURATION MANAGEMEN<br>FOR TRANSPARENT GATEWAY<br>IN HETEROGENEOUS<br>STORAGE NETWORKS |   |  |  |  |  |
| Express Mail Label No. | EL533428728US  |   |  |  |  |  |

|  |   | provisional applications under CFR 1.53(b))      | ride                |  | FOR TRANSPARENT GATEWAY IN HETEROGENEOUS STORAGE NETWORKS  |                  |    |  |  |  |
|--|---|--|---------------------|--|--|------------------|----|--|--|--|
|  |   |  | Express             | Mail Label No.   | fail Label No. EL533428728US   |                  |    |  |  |  |
|  | АР  | PLICATION ELEMENTS                               |                     | Mail St  | Commissioner for Patents Mail Stop Patent Application Alexandria, VA 22313-1450  |                  |    |  |  |  |
| 1. 2. 3.   | (submit Applica See 37 Applica See 37 Specification (preferred - Descriptor - Cross - Statem - Referred composition - Backgrand - Brief September - Detailed - Claim( - Abstra  | act of the Disclosure                            | ls.  ] ations d R&D | 7. CD-ROM or Comp 8. Nucleotide a (if applicable a. Cb. Si ii c. S  ACCOM 9. Assignm 10. 37 CI (wheel 11. Englis | 6. ☐ Application Data Sheet. (See 37 CFR 1.76)  7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. ☐ Computer Readable Form  b. ☐ Specification Sequence Listing on:  i. ☐ CD-ROM or CD-R (2 copies); or ii. ☐ paper  c. ☐ Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. ☒ Assignment Papers (coversheet/document(s))  10. ☐ 37 CFR. 3.73(b) Statement ☐ Power of (when there is an assignee) Attorney |                  |    |  |  |  |
| 4.<br>5.   |   | ) [ total sheets 4 ]                             | 1                   | ' '  | ish Translation De<br>& Form PTO/SB/0  |                  | DS |  |  |  |
| 5. ☑ Oath or Declaration [ total pages 6 ]  a. ☑ Newly executed (original or copy)  b. ☐ Copy from prior appl. (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 18 completed)  i. ☐ DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and1.33(b). |   |  |                     | 14. ⊠ Return<br>15. □ Certifie<br>16. □ Nonpul<br>122(b)<br>PTO/S  |  |                  |    |  |  |  |
| PI<br>FOI<br>par   | 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  □ Continuation □ Divisional □ Continuation-in-part (CIP) of prior application No: □ Prior application information: Examiner: □ Group/Art Unit: □ □ FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or dedaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted form the submitted application parts. |  |                     |  |  |                  |    |  |  |  |
|  | 1 0   |  | ORRESPO             | Or Corresp   |  | see helow        |    |  |  |  |
| ×  | ☐ Correspondence address below  |  |                     |  |  |                  |    |  |  |  |
| Name   |   |  |                     |  |  |                  |    |  |  |  |
|  | Address   |  |                     |  |  |                  |    |  |  |  |
| City State   |   |  |                     | ZIP  |  |                  |    |  |  |  |
| C  | ountry (D: 157  | <del>'                                    </del> | phone .             |  | Fax  |                  | -  |  |  |  |
| -  | Name (Print/Typ   | De) Eugene J. Bernard                            | d                   | Registration No.   |  | 42,320           |    |  |  |  |
|  | (Signature)   | Ege  | 2 B                 |  | Date   | October 31, 2003 |    |  |  |  |

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|---------|--------------|
| 65      |              |
| U.S. PT |              |
|         | 16569 U.S.PT |

## FEE TRANSMITTAL for FY 2003

Applicant claims small entity status. See 37 CFR 1.27

| Complete if Known    |                   |  |  |  |  |
|----------------------|-------------------|--|--|--|--|
| Application Number   |                   |  |  |  |  |
| Filing Date          | October 31, 2003  |  |  |  |  |
| First Named Inventor | Robert Hale GRANT |  |  |  |  |
| Examiner Name        |                   |  |  |  |  |
| Group / Art Unit     |                   |  |  |  |  |
| Attorney Docket No.  | MCD425            |  |  |  |  |

October 31, 2003

Date

| TOTAL AMOUNT OF PAYMENT (\$)810.00                             |  |                       | A                 | Attorney Docket No. MCD125 |                               |                          |  |   |                          |          |             |
|--|--|-----------------------|-------------------|----------------------------|-------------------------------|--------------------------|--|---|--------------------------|----------|-------------|
| METHOD OF PAYMENT (check all that apply)                       |  |                       |                   |                            | FEE CALCULATION (continued)   |                          |  |   |                          |          |             |
| ☐ check ☐ credit card ☐ money order ☐ other ☐ none             |  |                       |                   |                            | ADDI                          | TIONAL FI                | EES  | <del> </del>  |                          |          |             |
| Deposit Deposit Account Number                                 | Account  | 50-1123               |                   | En                         | arge<br>ntity<br>e (\$)       | y Entity Fee Description |  |   | Fee Paid                 |          |             |
|  |  |                       |                   |                            | 130                           | 65                       | Surcharge -  | -   |                          |          |             |
| Deposit<br>Account<br>Name                                     | Hogan  | & Hartson i           | L.L.P.            |                            | 50<br>130                     | 25<br>130                | Surcharge –<br>cover sheet<br>Non-English              |   | sional filing fee<br>ion | or       |             |
|  | sioner is hereby authorize                                 | ed to: (check all tha | at apply)         | 2                          | 2,520                         | 2,520                    | For filing a re  | -   |                          |          |             |
| Charge fe  | e(s) indicated below 🛛                                     | Credit any overpa     |                   |                            | 920*                          | 920*                     | reexaminatio   | n   | -                        |          |             |
|  | ny additional fee(s) for the<br>e(s) indicated below, exc  |                       | fee to the above- |                            |                               |                          | Requesting publication of SIR prior to Examiner action |   |                          |          |             |
|  | deposit account  |                       |                   | 1,4                        | 840*                          | 1,840*                   | Requesting publication of SRI after<br>Examiner action |   |                          |          |             |
|  |  |                       |                   | _                          | 110                           | 55                       |  |   | nin first month          |          |             |
|  | FEE CA   | LCULATION             |                   | _                          | 410                           | 205                      |  |   | nin second mor           |          |             |
| 1. BASIC F   |  | D                     |                   |                            | 930                           | 465                      |  |   | nin third month          |          |             |
| Large<br>Entity Fee<br>(\$)                                    | Small Fee<br>Entity Fee<br>(\$)                            | Description           | Fee Paid          | 1                          | ,450                          | 725                      | Extension for  | reply with  | nin fourth mont          | n        |             |
| 750  | 375 Utility Fil  | ing Fee               | \$770.00          | 1                          | ,970                          | 985                      | Extension for  | reply with  | nin fifth month          |          |             |
| <b>3</b> 30  | 165 Design f   | iling fee             |                   |                            | 320                           | 160                      | Notice of App  | eal   |                          |          |             |
| 520  | 260 Plant filir  | ng fee                |                   |                            | 320                           | 160 -                    | Filing a brief   | in support  | of an appeal             |          | -           |
| 750  | 375 Reissue  | filing fee            |                   |                            | 280                           | 140                      | Request for o  | r oral hearing  |                          |          |             |
| 160 80 Provisional filing fee                                  |  | 1                     | ,510              | 1,510                      | Petition to ins<br>proceeding | _                        |  |   |                          |          |             |
|  |  |                       |                   | 1.                         | 110                           | 55                       | Petition to revive – unavoidable                       |   |                          |          |             |
|  |  | L (1) (\$)770.0       |                   |                            | ,300                          | 650<br>650               |  | etition to revive – unintentional tility issue fee (or reissue) |                          |          |             |
| 2. EXTRA C   | LAIM FEES FOR UT   | ILITY AND REI         |                   | '                          | 470                           | 235                      | Design issue   | •   | sue)                     |          |             |
| Total Claims   | Extra Claim 19 -20**= 0                                    |                       | = \$0.00          |                            | 630                           | 315                      | Plant issue fe   |   |                          |          |             |
| Independent  | 3 -3**= 0  | × 84                  | = \$0.00          |                            | 130                           | 130                      | Petitions to th  | ne Commi  | ssioner                  |          |             |
| Claims<br>Multiple Depe  | ndent  |                       | = \$0.00          |                            | 50                            | 50                       | Processing fe  | ee under 3  | 37 CFR 1.17(q)           | <b>)</b> |             |
|  | viously paid, if greater; For f                            | Reissues, see below   |                   |                            | 180                           | 180                      | Submission of  |   |                          |          |             |
| Large Entity<br>Fee (\$)                                       |  |                       | scription         |                            | 40                            | 40                       | Recording ea<br>property (times                        |   | assignment pe            | er       | \$40.00     |
| 18   | 9 Cla  | ims in excess of 2    | 0                 |                            | 750                           | 375                      | Filing a subm<br>CFR § 1.129(                          |   | er final rejection       | n (37    |             |
| 84   | 42 Ind   | ependent claims in    | n excess of 3     |                            | 750                           | 375                      | For each add examined (37                              | itional inv   |                          |          |             |
| 280  |  | ltiple dependent cl   |                   |                            | 750                           | 375                      | Request for C  | Continued   | Examination              | _        |             |
| 84   | 84 42 **Reissue independent claims over<br>original patent |                       |                   |                            | 900                           | . 900                    | design applic  |   | examination of           | a        |             |
| 18 9 **Reissue claims in excess of 20 and over original patent |  |                       |                   |                            | ner fee                       | (specify)                | •••••  | •••••   | ••••                     |          |             |
|  | SUBTOTAL (2)   | (\$)0.00              | )                 | *Re                        | educed                        | by Basic Fli             | ing Fee Paid   | SUB   | TOTAL (1)                |          | (\$)40.00   |
| SUBMITTED BY Complete (if applicable)                          |  |                       |                   |                            |                               |                          |  |   |                          |          |             |
| Name (Print/1  |  |                       |                   |                            |                               | stration No.             | 42,320   | )   | Telephone                | (303     | 3) 454-2457 |

Signature

Attorney Docket No. MCD125 Client/Matter No. 83629.0046

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.

Inventor:

Robert Hale GRANT, et al.

Filed:

October 31, 2003

TC/A.U.

Examiner:

Docket No.

MCD125

Customer No.

25235

Confirmation No.

Title: CONFIGURATION

MANAGEMENT FOR

TRANSPARENT GATEWAYS

IN HETEROGENEOUS STORAGE NETWORKS

## CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

- 1. Utility Patent Application Transmittal;
- 2. Fee Transmittal:
- 3. Specification (19 pages); Claims (4 pages); Abstract (1 page) and Formal Drawings (4 sheets);
- 4. Recordation Form Cover Sheet and Assignments (signed);
- 5. Declarations (signed);
- 6. Return Postcard, and

this Certificate of Mailing relating to the above application, were deposited as "Express Mail," Mailing Label No. EL533428728US with the U.S. Postal Service, addressed to: Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA

22313-1450, on October 31, 2003,

October 31, 2003

October 31, 2003

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